

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bentwich, Itzhak
 App. No.: 10/604,943
 Conf. No.: 1942
 Filing Date: August 28, 2003

Art Unit: 1631
 Examiner: Miller, Marina I.
 Title: BIOINFORMATICALLY DETECTABLE
 GROUP OF NOVEL REGULATORY
 GENES AND USES THEREOF

SUPPLEMENT TO REPLACEMENT SEQUENCE LISTING UNDER 37 C.F.R. § 1.825(a) FILED
 SEPTEMBER 13, 2006

Dear Sir:

As a supplement to the paper filed September 13, 2006 regarding Replacement Sequence Listing Under 37 C.F.R. § 1.825(a), please enter/consider the following.

SEQ ID NO: 3760 is new, support for which can be found at paragraph 10953, which recites:

VGR389 folded precursor RNA is naturally processed by cellular enzymatic activity into at least 6 separate VGAM precursor RNAs, VGAM142 precursor RNA, VGAM143 precursor RNA, VGAM144 precursor RNA, VGAM145 precursor RNA, VGAM146 precursor RNA and VGAM147 precursor RNA, herein schematically represented by VGAM1 FOLDED PRECURSOR through VGAM3 FOLDED PRECURSOR, each of which VGAM precursor RNAs being a hairpin shaped RNA segment, corresponding to VGAM FOLDED PRECURSOR RNA of Fig. 1.

SEQ ID NOS: 128, 131 and 133 represent the sequences of VGAM142, VGAM145 and VGAM147, respectively, each of which sequence is contained in the application as originally filed. VGAM142 (SEQ ID NO: 128) is located on the positive strand of the Vaccinia virus genome at positions 66,709 to 66,807. VGAM145 (SEQ ID NO: 131) is located on the positive strand of the Vaccinia virus genome at positions 65,916 to 65,995. VGAM147 (SEQ ID NO: 133) is located on the positive strand of the Vaccinia virus genome at positions 65,184 to 65,247. SEQ ID NO: 3760 (VGR389) represents the sequence of the positive strand of the Vaccinia virus genome at positions 65,184 to 66,807. Therefore, SEQ ID NO: 3760 (VGR389) represents the sequences of VGAM142 (SEQ ID NO: 128), VGAM145 (SEQ ID NO: 131), and VGAM147 (SEQ ID NO: 133), and the intervening 714 base pairs in the Vaccinia virus genome between VGAM142 and VGAM145 (positions 66,708 to 65,996), and the intervening 669 base pairs in the Vaccinia virus genome between VGAM145 and VGAM147 (positions 65,915 to 65,248).

In view of SEQ ID NO: 3760 being supported by the application as originally filed, Applicant respectfully submits that the replacement compact disc contains no new matter in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 21, 2006

By: / Teddy C. Scott, Jr., Ph.D./
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